This Week in Science

Support for Plant Biology


Cis-Trans Models for Post-Transcriptional Gene Regulation: R. D. Klausner and J. B. Harford

U.S.–Chinese Relations: T. D. Lee; M. Sun

Human Genome Program: S. E. Luria; D. E. Koshland, Jr.; D. M. Cooper; A. Berkwitz

Epilepsy “Cure”: S. G. Pavlakis

Skin Research Center: J. A. Parrish

Market Sours on Milk Hormone

Soviets Seek U.S. Help in Combating Alcoholism

Cold Fusion: Smoke, Little Light

Bush Goes 0 for 2 with Anthony Fauci

California Backs Evolution

Court Blocks German Biotech Plant

AZT Still on Trial

Young's Sudden Move

Righting the Antibiotic Record

Astronomers Go Up Against the Great Wall

Manic Depression Gene Put in Limbo

Deep Water: “Phase B” Is Decoded

Quantum Pot Watching

Briefings: “Ice Age” in Hawaii

Postquake Falcon Trauma

A Tasty New Tomato

Science at the Vatican

Replacing Hunter

Some of the Tough Decisions Required by a National Health Plan: L. B. Russell

Mapping the Universe: M. J. Geller and J. P. Huchra

The Mysteries of Lipoprotein(a): G. Utermann
cover Two views of the distribution of 3962 galaxies in three-dimensional redshift space. The white points display the distribution of galaxies in the right ascension range 8° to 17° and declination range 26° to 44°, the orange in the declination range 8° to 14.5°. "The Great Wall" crosses the survey nearly parallel to the outer boundary. See pages 885 and 897. [Graphics by M. J. Geller, J. P. Huchra, E. Falco, and R. K. McMahan]

Research Articles

911 Scissors-Grip Model for DNA Recognition by a Family of Leucine Zipper Proteins: C. R. Vinson, P. B. Sigler, S. L. McKnight

Reports

917 Inhibition of a Class C β-Lactamase by a Specific Phosphonate Monoester: R. F. Pratt

919 Molecular Mechanisms and Forces Involved in the Adhesion and Fusion of Amphiphilic Bilayers: C. A. Helm, J. N. Israelachvili, P. M. McGugan

922 Cognate DNA Binding Specificity Retained After Leucine Zipper Exchange Between GCN4 and CEBP: P. Agre, P. F. Johnson, S. L. McKnight

926 Assembly of the Native Heterodimer of Rana esculenta Tropomyosin by Chain Exchange: S. S. Lehrer, Y. Qian, S. Hvidt


931 BAS1 Has a Myb Motif and Activates HIS4 Transcription Only in Combination with BAS2: K. Tice-Baldwin, G. R. Fink, K. T. Arndt

935 Vaccination with a Synthetic Zona Pellucida Peptide Produces Long-Term Contraception in Female Mice: S. E. Millar, S. M. Chamow, A. W. Baur, C. Oliver, F. Robey, J. Dean

Book Reviews

939 Unseasonable Truths, reviewed by J. D. Hoeveeler, Jr. ■ Mathematical Visions, J. McCleary ■ Felix Klein and Sophus Lie, D. Rowe ■ Mathematical Evolutionary Theory, J. Felsenstein ■ The Chemistry of Macrocyclic Ligand Complexes, R. M. Izatt ■ Books Received

Products & Materials

944 Extenders Increase Computer-Printer Distance ■ Reversed-Phase HPLC at Elevated pH ■ Liquid Scintillation Counters ■ Recombinant DNA Analysis and Drawing ■ Portable Data Logger for Field Studies ■ Three Grades of SDS for Electrophoresis ■ Literature
Science 246 (4932), 863-944.